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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/332,581	06/14/1999	ROBERT LEYDIER	990308/TL	3098

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12/12/2001

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EXAMINER

PHAN, RAYMOND NGAN

ART UNIT	PAPER NUMBER
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2181

DATE MAILED: 12/12/2001

Please find below and/or attached an Office communication concerning this application or proceeding.



# Office Action Summary

Application No.  
**09/322,581**

Applicant(s)  
**Leydler**

Examiner  
**Raymond N. Phan**

Group Art Unit  
**2181**



- ☐ Responsive to communication(s) filed on \_\_\_\_\_
- ☐ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claim

- ☒ Claim(s) 1-6 \_\_\_\_\_ is/are pending in the application.
- Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- ☒ Claim(s) 1, 2, and 6 \_\_\_\_\_ is/are rejected.
- ☒ Claim(s) 3-5 \_\_\_\_\_ is/are objected to.
- ☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

- ☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- ☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

- ☒ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- ☒ All ☐ Some\* ☒ None of the CERTIFIED copies of the priority documents have been received.
- ☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.
- ☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

- ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

- ☒ Notice of References Cited, PTO-892
- ☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 4
- ☐ Interview Summary, PTO-413
- ☒ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---



### **Part III DETAILED ACTION**

#### *Notice to Applicant(s)*

1. This application has been examined. Claims 1-6 are pending.
2. The Group and/or Art Unit location of your application in the PTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Group Art Unit 2181.

#### *Specification*

3. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

#### *Claim Rejections - 35 USC § 103*

4. The following is a quotation of 35 U.S.C. § 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-2 and 6 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Itoh (US NO. 6,100,995) in view of Kowalski (US No. 4,916,333).

In regards to claim 1, Itoh discloses a multi-function device (aka MFD) comprising CPU 31, at least one memory 32, 33, 34; at least one data I/O pad 36, 38 (see figure 1, col. 4, lines 6-10); n address bus lines connecting the CPU to the memory and the I/O pad to carry address bits and p data bus lines connecting the CPU to the memory and to the I/O pad for conveying data bits (see col. 4, lines 11-19). But Itoh does not specifically disclose wherein at least one line from the



address bus lines and the data bus lines is associated with an additional line for conveying bits that are complementary to the bit conveyed over the at least one line. However Kowalski discloses wherein at least one line from the address bus lines and the data bus lines is associated with an additional line for conveying bits that are complementary to the bit conveyed over the at least one line (see col. 3, lines 43-50). Therefore, it would have been obvious to a person of an ordinary skill in the art at the time the invention was made to have combined the teachings of Kowalski within the system of Itoh to provide an impossible use for fraudulent decoding.

In regard to claim 2, Itoh teaches the claimed subject matter as discussed above rejection except the teaching of wherein the additional line has a capacitance (i.e. pre-charging) equivalent to a capacitance of the address line or data bus line with which it is associated. However Kowalski discloses wherein the additional line has a capacitance equivalent to a capacitance of the address line or data bus line with which it is associated (see col. 4, lines 5-29). Therefore, it would have been obvious to a person of an ordinary skill in the art at the time the invention was made to have combined the teachings of Kowalski within the system of Itoh to provide an impossible use for fraudulent decoding.

In regard to claim 6, Itoh teaches the claimed subject matter as discussed above rejection except the teaching of wherein for each line, a dual amplifier is used. However Kowalski discloses for each line, a read amplifier is used (see abstract). Therefore, it would have been obvious to a person of an ordinary skill in the art at the time the invention was made to have combined the teachings of Kowalski within the system of Itoh to provide an impossible use for fraudulent decoding.



*Allowable Subject Matter*

6. Claims 3-5 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

*Conclusion*

7. Claims 1-2 and 6 are rejected. Claims 3-5 are objected.

8. The prior arts made of record and not relied upon are considered pertinent to applicant's disclosure.

**Bowen et al. (US No. 5,367,571)** disclose a subscriber terminal with plug in expansion card.

**Larsson et al. (US No. 5,379,344)** disclose a smart card validation device and method.

**Kimura (US No. 5,237,609)** discloses a portable secure semiconductor memory device.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Raymond Phan, whose telephone number is (703) 306-2756. The examiner can normally be reached on Monday-Friday from 6:30AM- 4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Beausoleil can be reached on (703) 305-9713 or via e-mail addressed to robert.beausoleil@uspto.gov. The fax phone number for this Group is (703) 305-3718.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [raymond.phan@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.



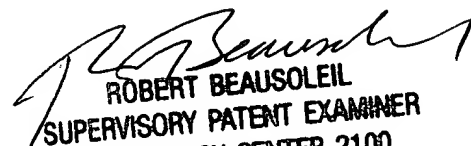
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Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

*RP*

*Raymond Phan*  
*Dec 4, 2001*

  
ROBERT BEAUSOLEIL  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100